APPLICATION FOR UNITED STATES PATENT Declaration for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and tor which a patent is sought on

	tion of w		•		•
(check at least one)		3 [x] is attached here 4 [] was filed on — 6 [] and was amend	as (5) U.S. Applicat	ion Serial No.	
		6 [] and was amende	(if applicab	ole)	
!	7[x]	was filed as PCT international	application		
Use this portion	8	Number PCT/JP00/08407			
only if you are entering	9	on November 29, 2000			
the U.S. National		and was amended under PCT A	Article(s) 19 and/or 34		
phase based on a PCT	10	on		(if applicable).	
International Application	11	priority date claimed in PCT In	nternational Application		
designating the U.S.		0		rember/1999 onth/Year Filed)	
		(Country) (Numb	(Day/ivic		
ate listed belov tion(s) designa	im foreign wand hav ating at le	n priority benefits under Title 35 re also identified below any fore	ulations, §1.56. 5, United States Code, §119 of an injury of an injur	ventor's certificate or a	ny PCT internations
ate listed below tion(s) designa than that of the	m foreign w and have ating at le e applicat	n priority benefits under Title 35 e also identified below any fore ast one country other than the U ion(s) on which priority is claim	 United States Code, §119 of an eign application(s) for patent or in Inited States of America filed by r 	ventor's certificate or a ne on the same subject	ny PCT internations matter having a filin Priority Claime
ate listed below tion(s) designa than that of the	im foreig w and hav ating at le e applicat gn) Appli	n priority benefits under Title 35 e also identified below any fore ast one country other than the U ion(s) on which priority is claim	 United States Code, §119 of any eign application(s) for patent or in Inited States of America filed by read. 	ventor's certificate or a	ny PCT internations matter having a filis
ate listed belov tion(s) designa than that of the Prior (Foreig (Count	im foreign w and have string at le e applicat gn) Appli try)	n priority benefits under Title 35 e also identified below any fore ast one country other than the U ion(s) on which priority is claim cation(s) any Priority Claims U (Number)	5, United States Code, §119 of any ign application(s) for patent or in inited States of America filed by red. Index 35 U.S.C. 119 (Day/Month/Year 1)	ventor's certificate or and the same subject of the same subject o	ny PCT international matter having a filing a filing priority Claims
ate listed below tion(s) designa than that of the Prior (Forcign (Count (Count Priority Clair	im foreign w and have string at lee applicate try)	n priority benefits under Title 35 e also identified below any fore ast one country other than the U ion(s) on which priority is claim cation(s) any Priority Claims U (Number) (Number) n U.S. Provisional Application(s)	5, United States Code, §119 of any sign application(s) for patent or in inited States of America filed by ruled. Index 35 U.S.C. 119	ventor's certificate or and the same subject of the same subject o	ny PCT internations matter having a filin Priority Claime [] [] Yes No [] [] Ycs No
ate listed below tion(s) designathan that of the Prior (Foreignathan (Count (Count (Count (Friority Claistates provision))	im foreign w and have string at lee applicate try)	n priority benefits under Title 35 e also identified below any fore ast one country other than the U ion(s) on which priority is claim cation(s) any Priority Claims U (Number)	5, United States Code, §119 of any ign application(s) for patent or in inited States of America filed by red. (Day/Month/Year)	ventor's certificate or and the same subject of the same subject o	ny PCT internations matter having a filin Priority Claime [] [] Yes No [] [] Ycs No
ate listed below tion(s) designa than that of the Prior (Forcign (Count (Count Priority Clair	im foreign w and have string at lee applicate try) try) try) im(s) from the properties of the prope	n priority benefits under Title 35 e also identified below any fore ast one country other than the U ion(s) on which priority is claim cation(s) any Priority Claims U (Number) (Number) n U.S. Provisional Application(s)	5, United States Code, §119 of any ign application(s) for patent or in inited States of America filed by red. (Day/Month/Year)	ventor's certificate or and the same subject of the same subject o	ny PCT internations matter having a filin Priority Claims [
ate listed below tion(s) designathan that of the Prior (Foreignathan (Count (Count Priority Claistates provision)	im foreign wand have and have and have and have applicated by the second	n priority benefits under Title 35 e also identified below any fore ast one country other than the U ion(s) on which priority is claim cation(s) any Priority Claims Un (Number) (Number) (Number) n U.S. Provisional Application(s) design below: Day/Month/Year Filed I hereby claim the benefit unternational application(s) design below: United States Patent and Trade and T	(Day/Month/Year) (Day/Month/Year) (Day/Month/Year)	Filed) Filed) Day/Month, 120 of any United Statica that is/are listed belsed in that/those prior as \$\frac{1}{2}\$\$\$ is \$\text{ that is/are listed belsed in that/those prior as \$\text{ that is/are listed belsed in	Priority Claims Priority Claims Priority Claims [] [] Yes No [] [] Yes No tes Code, §119(c) o VYear Filed tes application(s) or low and, insofar as application(s) in the duty to disclose to patentability as

I hereby appoint the following attorneys of the firm of Stevens, Davis, Miller & Mosher, L.L.P. as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office:

James E. Ledbetter, Reg. No. 28732; Thomas P. Pavelko, Reg. No. 31689; and Anthony P. Venturino, Reg. No. 31674.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO STEVENS, DAVIS, MILLER & MOSHER, L.L.P., 1615 L Street, N.W., Suite 850, Washington, D.C. 20036, TELEPHONE (202) 408-5100, FACSIMILE (202) 408-5200.

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may peopardize the validity of the application or any patent issuing thereon.

	2.	\mathcal{I}_{r}	PAGE 2 OF U.S:A. I	DECLARATION FORM			
14a	ζ,	Typewritten Full Name	TT:		wr. w		
		of Sole or First Inventor	Hidenori Given Name	Middle Name	KAYAMA Family Name		
) / ,	Windle Ivaine	\ C		
15a		Inventor's Signature	_ Hida	nori	Rayama		
16a		Date of Signature	Anna	22	2001		
		2 mo or organization	Morith	Day	Year		
17a		Residence	Yokosuka-shi	Kanagawa	JAPAN		
			City	State or Province	Country		
18a		Citizenship	JAPAN	JAX			
19a		Post Office Address	6-3-407, Hikari no C)ka,			
		(Insert complete mailing					
	~	address, including country)	Yokosuka-shi, Kana	gawa 239-0847 JAPAN			
14b	2	Typewritten Full Name					
		of Sole or Second Inventor	Masaki		HAYASHI		
			Given Name	Middle Name	Family Name		
15b		Inventor's Signature	ma	isaki Hu	rash i		
		ū	7	e 22	200 /		
igb		Date of Signature	<i>Gwn</i> Month	Day 22	200 / Year		
10		n ()		•			
		Residence	Yokosuka-shi City	Kanagawa State or Province	JAPAN Country		
1.8b		Citizenship	JAPAN	(\PX)	Country		
ສູເລັດ ສູເລັດ		-					
19b		Post Office Address (Insert complete mailing	6-2-505, Hikari no O	rka,			
9	*	address, including country)	Yokosuka-shi, Kana	gawa 239-0847 JAPAN			
	3.0	Typewritten Full Name					
71)		of Sole or Third Inventor	Kazuyuki	NOT THE ST	MIYA		
n M			Given Name	Middle Name	Family Name		
ijς		Inventor's Signature	- Kazu	yolai	[huya		
16c		Date of Signature	aine	22	2001		
100		Dute of dignature	Month	Day	Year		
17c		Residence	Kawasaki-shi	Kanagawa	JAPAN		
		<u>د</u>	City	State or Province	Country		
18c		Citizenship	JAPAN	2 bx			
19c		Post Office Address	5-26-25, Kamiasao, A	Asao-ku .	······································		
		(Insert complete mailing					
		address, including country)	Kawasaki-shi, Kanag	gawa 215-0021 JAPAN			
14d		Typewritten Full Name	•				
		of Sole or Fourth Inventor	Given Name	Middle Name	P 1 1		
			Given Name	Middle Name	Family Name		
15d		Inventor's Signature					
16d		Date of Signature					
100		were of orknornic	Month	Day	Year		
17d		Residence		•			
			City	State or Province	Country		
18d		Citizenship			•		
19d		Post Office Address			-,		
		(Insert complete mailing					
		address, including country)					

^{*}Note to Inventor: Please sign name on line 15 exactly as it appears in line 14 and insert the actual date of signing on line 16 If there are more than four inventors, please add a copy of this page for identification and signatures for the additional inventors.

STEVENS, DAVIS, MILLER & MOSHER, L.L.P. £ 1998

INSTRUCTIONS FOR COMPLETION OF THIS FORM

- line I Insert the same title as is used on the specification and in the assignment.
- line 2 Is optional but is provided so that you can use it to identify more readily an application prior to the time that the Patent Office application serial number is assigned. We suggest that the specification, drawings and declaration always bear a file number since it can help to get the papers together in case they become inadvertently separated. In instances where the specification is filed without a signed declaration form (under 37 CFR §1.53) a file number on a later-received separate form will assist us in associating it with the correct case.
- line 3 Check this box if the specification, claims and drawing (if any) are attached to this declaration form, e.g., when filing a new patent application.
- lines 4-5 Are only used in an instance where the application is already on file and the declaration from is being separately filed, e.g., when the application was originally filed without a signed declaration or where the Patent Office has required a new declaration because of a deficiency in the original declaration. In such an instance the Patent Office will require that lines 4 and 5 be completed with the filing date and application serial number already assigned.
- line 6 Is used in conjunction with line 5 but only when there have been one or more amendments to the specification or claims Line 6 is also used when the Examiner requires a new declaration because claims inserted by amendment cover subject matter not originally claimed (37 CFR §1.67).
- lines 7-11 Are for PCT (Patent Cooperation Treaty) cases and are used only when you are entering the U.S. National phase (Chapter I or II) based upon a previously filed PCT International application designating the U.S.
- line 7 Check this box if this is a PCT National Phase application.
- line 8 Insert PCT International application number.
- line 9 Insert date of filing of PCT International application.
- lines 10-11 Insert the date of all amendments filed in the PCT International application. Such amendments are optional, so this line at times will not be used.
- line 12a Is used in the following instances.
 - (i) If a single priority is being claimed from a foreign application you need to list only the first-filed application; you do not need to list other countries if all applications were filed within one year of the U.S. filing.
 - ii) If multiple priorities are being claimed, from a plurality of applications filed in one or more countries, you must list the first filed application for each aspect of the invention. Example: if aspect A of the invention was disclosed in an application filed 11 months earlier in country X and aspect B was disclosed 9 months earlier in an application filed in country Y, then the applications in both countries X and Y must be identified. Only the first application for each aspect of the invention needs to be identified provided all applications on that aspect were filed within one year prior to the U.S. filing.
 - fig. (iii) If a non-priority application is being filed you must list all applications in all countries where corresponding foreign applications were filed more than one.

 year prior to the U.S. filing. This is so the Examiner can check to see if any of those applications were published or patented early enough to be prior art against the U.S. application.
 - (iv) If there are more than two applications to be listed we suggest that you type in on this form only "See attached Schedule A" and then list all of the previous applications on an attached sheet.
- line 12b Is used to claim priority under 35 USC §119(e) based on a provisional application filed within one year of the filing of the instant application. More than one provisional application may be identified provided neither was filed more than one year earlier.
- This block is used only in instances where there is a previously filed U.S. non-provisional application which was copending at the time the present application was for is being) filed. that previous application could be a U.S. non-provisional application or the National Phase of a PCT allocation. In such a case the present application may be entitled to the priority of the previous application's U.S. filing date (and consequently the foreign priority thereof) provided the present application is identified as a continuing application (continuation, divisional or continuation-in-part) of the earlier (parent) application. If the foregoing is applicable, please fill in one line for each such prior application.
- line 14 Type the inventor's proper legal name in the order specified, e.g., "John B. JONES" or "J. Bob JONES" if the inventor so prefers. It is <u>not</u> acceptable to use only initials such as "J. B. JONES."
- line 15 The inventor's "signature" may be his (or her) usual manner of signing but it is preferable that the inventor simply write his (or her) name in his (or her) own cursive handwriting in the same order as on line 14, e.g., given name, middle initial and Family name.
- line 16 Insert the actual date of signature.
- line 17 Insert simply the city and state or country, e.g., "Paris, France", of the inventor's <u>residence</u>, not citizenship. No street address or postal code is required on this line.
- line 18 Insert the inventor's citizenship. The statement of citizenship (or subject of) is a statutory requirement (35 USC §115). Simply the name of the country of citizenship, e.g., "Japan" is sufficient.
- line 19 Insert the inventor's mailing address. The purpose of requiring the post office address is to enable the Patent Office to communicate directly with the inventor if desired, such as in the case of death of the U.S. attorney. It should be the address where the inventor customarily receives his (or her) mail and should include the postal code. If applicable it can be the inventor's business address or address at place of employment.

Applicants are reminded that the U.S. Patent and Trademark Office has very strict requirements as to proper execution of an application. The applicant should make sure that he reviews the declaration, prior to signing to make sure the declaration properly identifies the application and all relevant information; and should review the specification and claims (including drawings, if any) before signing the declaration. Failure to do so will require the filing of a supplemental declaration — 37 CFR §1.67(c).

Any handwritten changes to the specification, claims or drawings must be in ink personally by all of the inventors prior to signing the declaration and the adjacent left margin must be initialed and dated by all of the inventors, e.g., "JBJ 6-9-91".

Please let us know if there are any questions regarding proper completion of this form. Thank you.

An assignment, a separate document requiring separate signature and dating may be enclosed. Please look for it and sign and date it in the same manner as in lines 15 and 16 above.